ſide of the *Line*, of ſuch, as lie between the *Æquator* and *Tropick* of *Cancer*; but *beyond* the *Line*, of ſuch, as are ſituate towards the other *Tropick*; and in all places, of ſuch, as at the time of Obſervation, are about 4. hours diſtant from the *Meridian*.

An Account
of ſome Obſervations, lately made in Spain, *by His Excellency the* Earl of Sandwich.

THE Right Honourable the *Earl of Sandwich*, as he appears eminent in diſcharging the Truſt, his Majeſty hath repoſed in him, of Ambaſſador Extraordinary to the King of *Spain*; ſo he forgets not in the midſt of that Employment, that he is a Member of the *Royal Society*; but does from time to time, when his weighty State-Negotiations do permit, imploy himſelf in making conſiderable Obſervations of divers kinds, both *Aſtronomical* and *Phyſiological*; and communicateth the ſame to the ſaid *Society*; as for inſtance, lately, what he has obſerv'd concerning the *Solar Eclipſe* in *June* laſt, the Suns height in the Solſtice, and alſo the Latitude of *Madrid*, eſteeming by the Suns Altitude in the *Solſtice*, and by other Meridian Altitudes, the *Latitude* of *Madrid* to be 40 deg. 10 min; which differs conſiderably from that aſſigned by others; the General Chart of *Europe* giving to it 41 deg. 30 min. the General Map of *Spain*, 40 deg. 27 min. A large Provincial Map of *Caſtile*, 40 deg. 38 min.

To theſe particulars, and others formerly imparted, his Excellency is making more of the ſame nature; and particularly thoſe of the Immerſion of the *Satellites* of *Jupiter*.

We muſt not omit mentioning here, what he hath obſerved of *Halo*'s about the *Moon*; which he relates in theſe words;

Decemb. 25. *Old Style*, 1666. In the Evening, here (vid. at *Madrid*) was a great *Halo* about the Moon, the *Semidiameter* whereof was about 23 deg. 30 min. *Aldebaran* was juſt in the *North-eaſt* part of the *Circle*, and the two Horns of *Aries* juſt encloſed by the *South-weſt* of the *Circle*, the Moon being in the *Center*. I note this the rather (*ſaith he*) becauſe five or ſix years ago, vid. *Novemb.* 21. *Old Style*, 1661. an hour after Sun-ſet, I ſaw a great *Halo* about the Moon of the ſame *Semidiameter*, at

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at *Tangier*, the Moon being very near the ſame place, where ſhe was now.

Extract

Of a Letter, lately written by Mr. Nathaniel Fairfax *to the* Publiſher, *containing Obſervations about ſome* Inſects, *and their Inoxiouſneſs, &c.*

The Ingenious Author of this Letter, as he expreſſes an extraordinary deſire to ſee the *Store-houſe* of *Natural Philoſophy*, more richly fraughted (a Work begun by the ſingle care and conduct of the Excellent Lord *Verulam*, and proſecuted by the Joynt-undertakings of the *R. Society*) ſo he very frankly offers his Service in contributing ſome of his Obſervations, and begins in this very Letter to perform his Offer. For, Having taken notice of what was publiſht in *Numb. 9. p. 161.* out of the *Italian* Philoſopher *Redi*, vid. That Creatures, reputed Venomous, are indeed no Poyſons, when ſwallow'd, though they may prove ſo, when put into Wounds: He, for confirmation thereof, alledges Examples of ſeveral Perſons well known to him (himſelf alſo having been an Eye-witneſs to ſome ſuch Experiments) who have frequently ſwallow'd *Spiders*, even of the rankeſt kind, without any more harm than happens to Hens, Robin-red-breaſts, and other Birds, who make Spiders their daily Commons. And having made mention of ſome men, that eat even *Toads*, he adds, that though a Toad be not a Poyſon to us in the whole; yet it may invenome outwardly, according to ſome parts ſo and ſo ſtirr'd; an inſtance whereof he alledges in a Boy, who ſtumbling on a Toad, and hurling ſtones at it, ſome Juyce from the bruiſed Toad chanced to light upon his Lips, whereupon they ſwell'd, each to the thickneſs of about two Thumbs: And he neglecting to uſe, what might be proper to reſtore them, they have continued in that miſhapen ſize ever ſince; the uglineſs whereof, when the Relator ſaw, gave him occaſion to inquire after the cauſe of it, which thereupon he underſtood to be, as has been recited.

On this occaſion, the ſame Gentleman relates, that once ſeeing a Spider bruiſed into a ſmall Glaſs of Water, and that it tinged

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